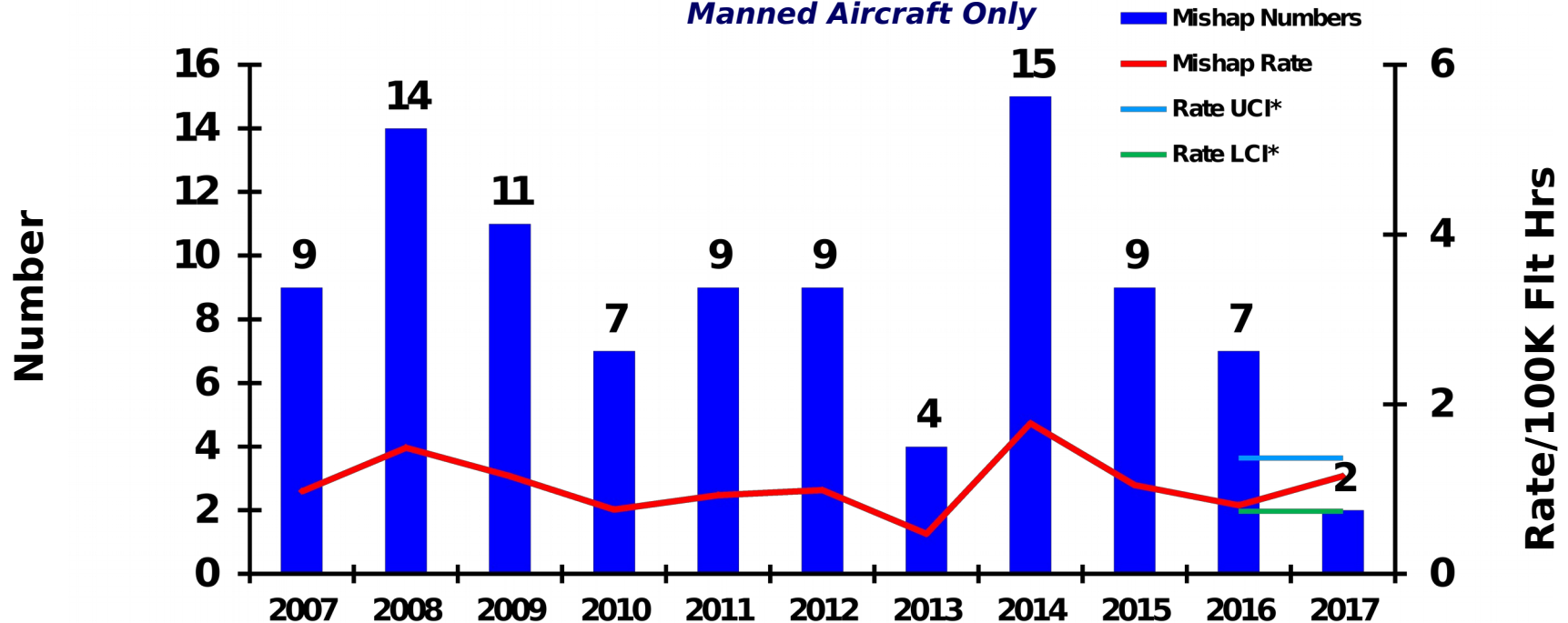




CLASS A FLIGHT MISHAPS

Manned Aircraft Only



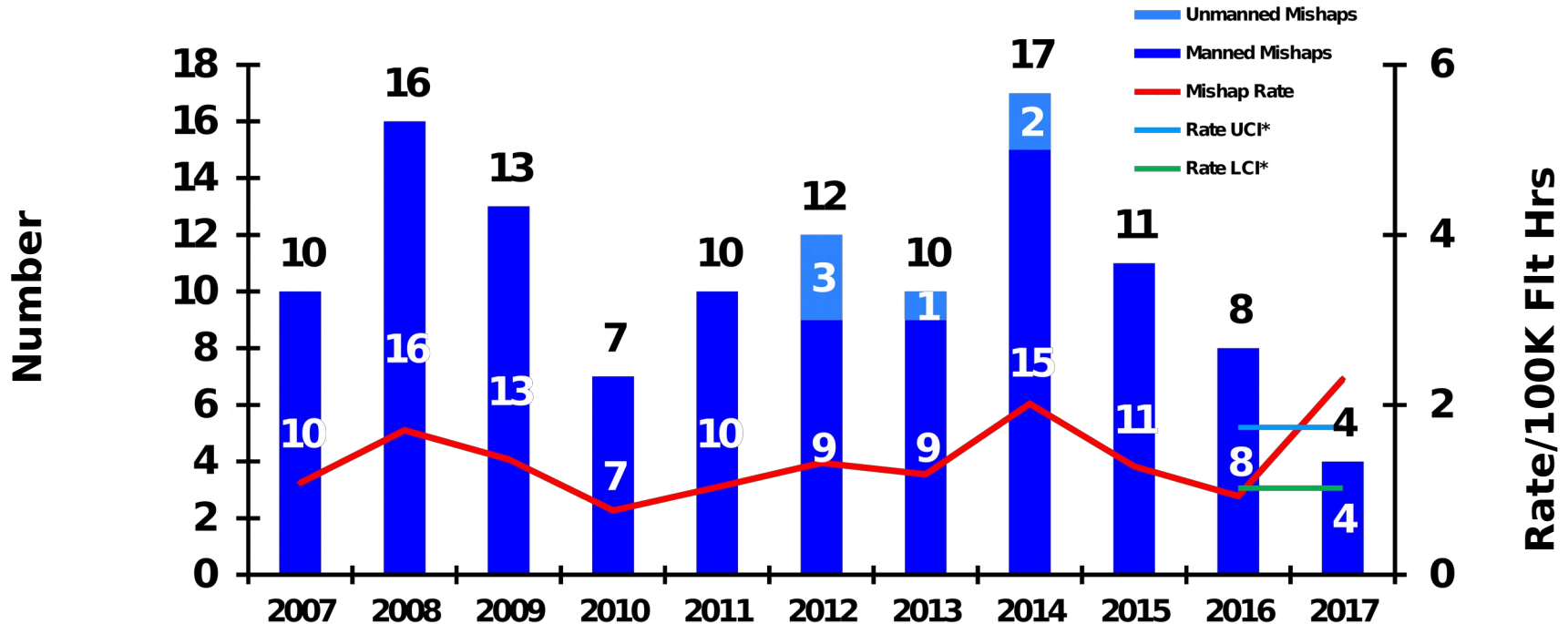
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

	21-Dec-16	21-Dec-15
Mishaps	2	15
Mishap Rate	1.15	0.00
10-Year Average	9.40	1.04

*see last slide for definition of UCI/LCI



CLASS A AVIATION MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY16 MISHAPS/MISHAP RATE:

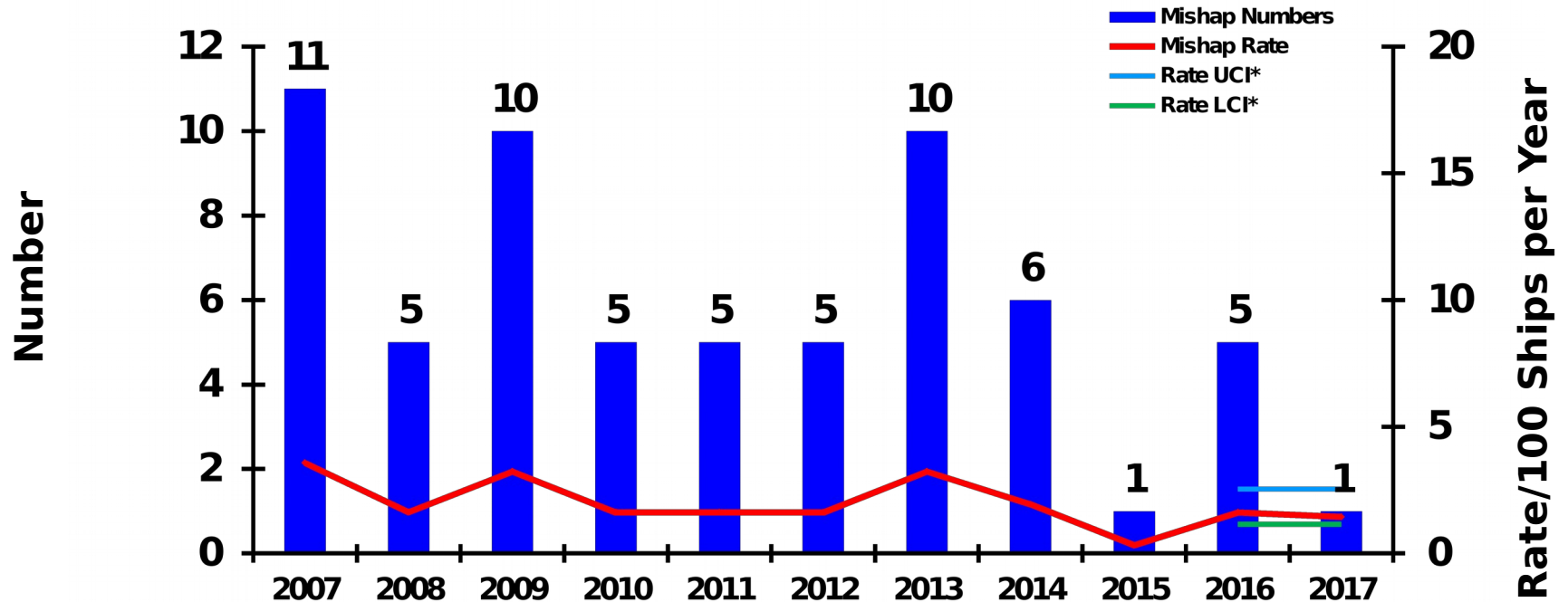
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

	21-Dec-16	21-Dec-15
Mishaps	4	15
Mishap Rate	2.30	0.58
10-Year Average	11.40	7
Rate	1.2	0.93

*see last slide for definition of UCI/LCI



CLASS A AFLOAT MISHAPS



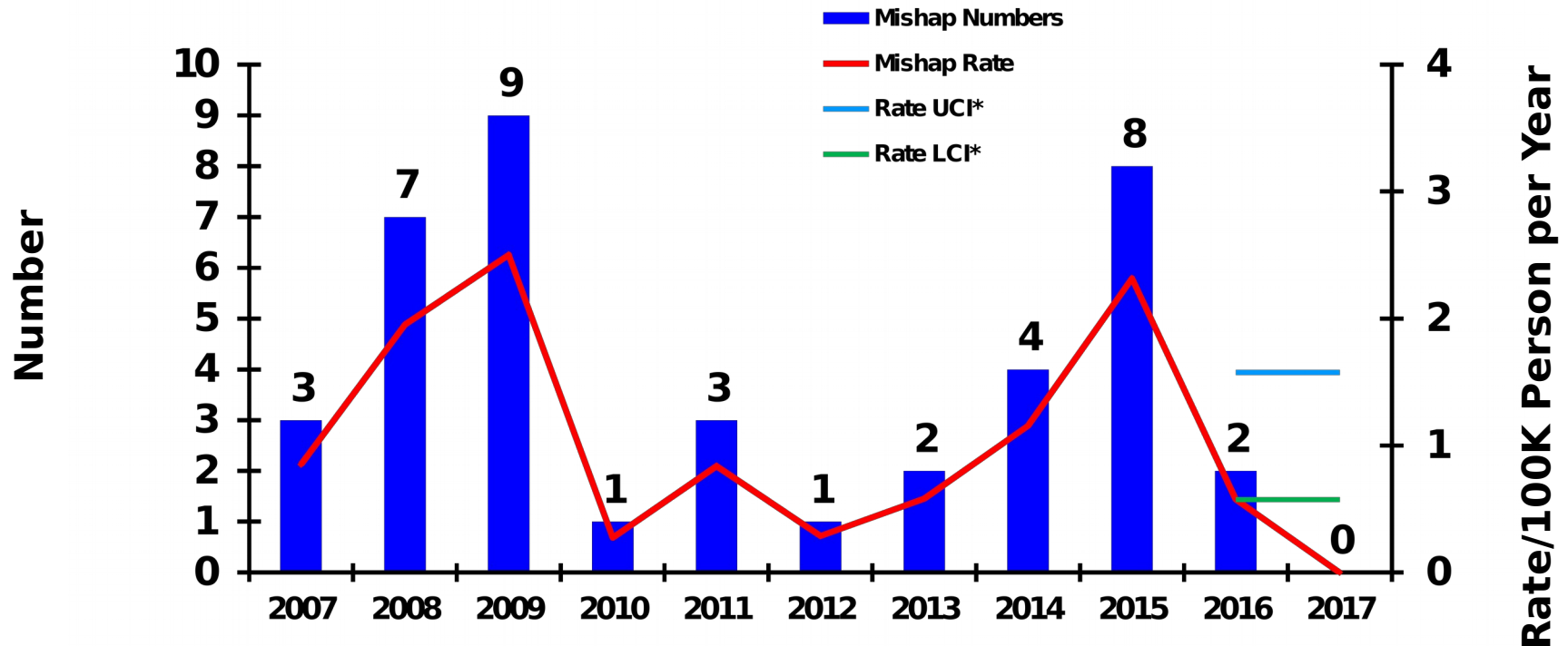
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

21-Dec-16	21-Dec-15
1/1.44	1/1.43
5/1.62	
6.30/2.04	

*see last slide for definition of UCI/LCI



CLASS A SHORE ON-DUTY MISHAPS



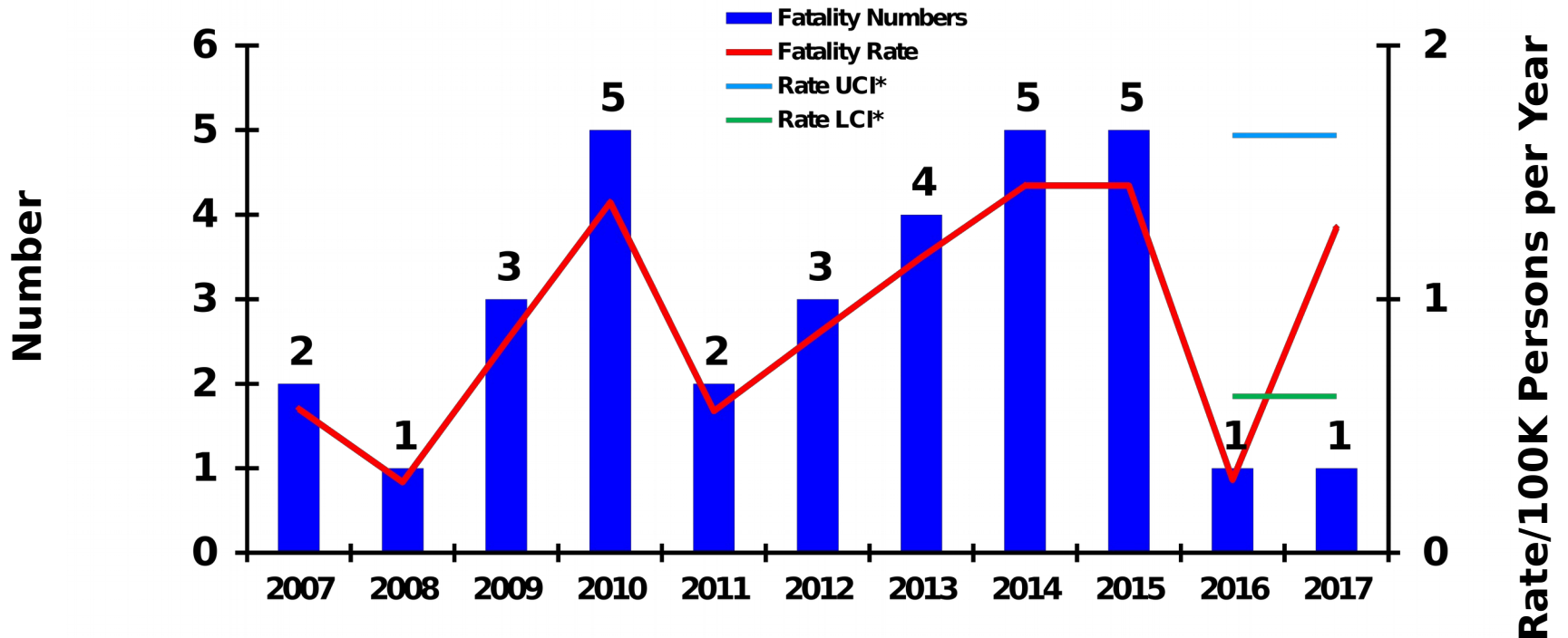
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

<u>21-Dec-16</u>	<u>21-Dec-15</u>
0/0.00	1/1.27
2/0.58	
4.00/1.13	

*see last slide for definition of UCI/LCI



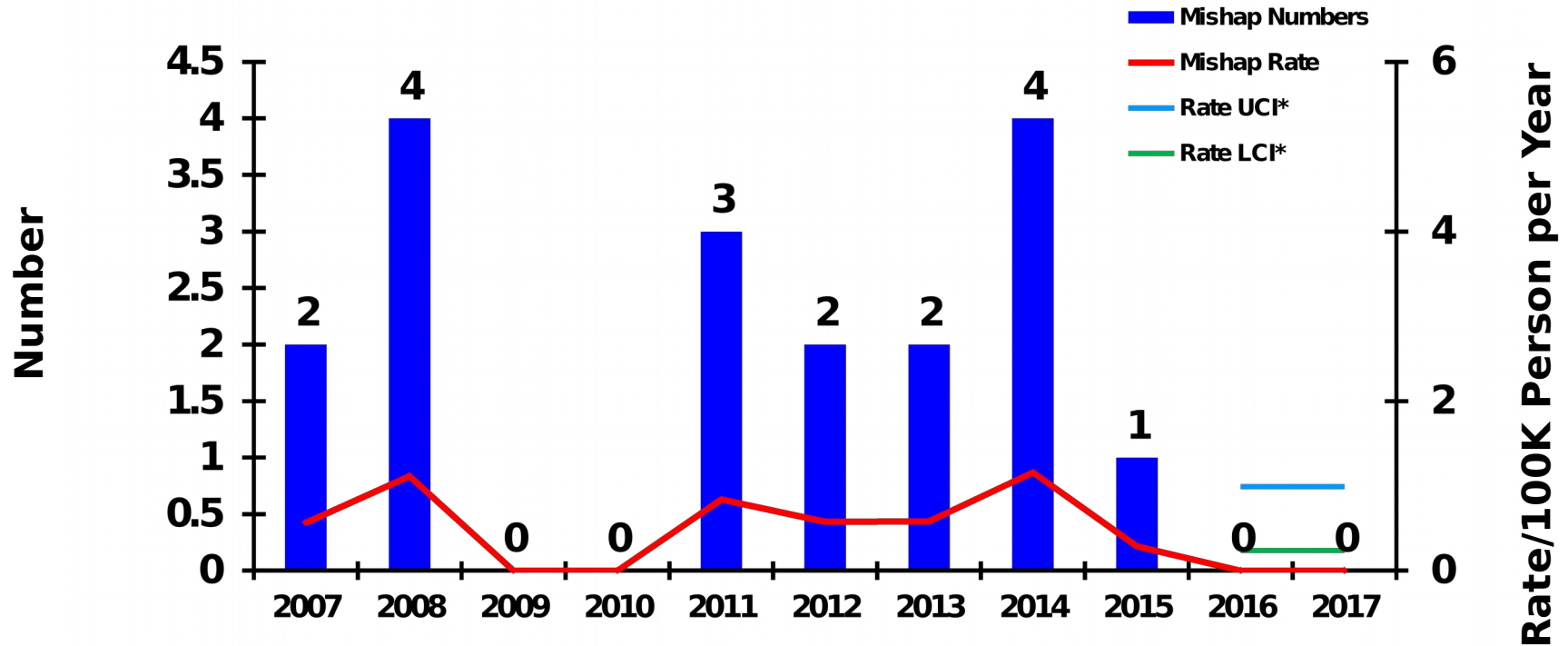
PHYSICAL TRAINING FATALITIES



	<u>21-Dec-16</u>	<u>21-Dec-15</u>
FATALITIES/FATALITY RATE FY COMPARISON:	16/1.28	15/1.27
FY16 FATALITIES/FATALITY RATE:	1/0.29	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	3.1/0.8	



CLASS A ON-DUTY MV MISHAPS



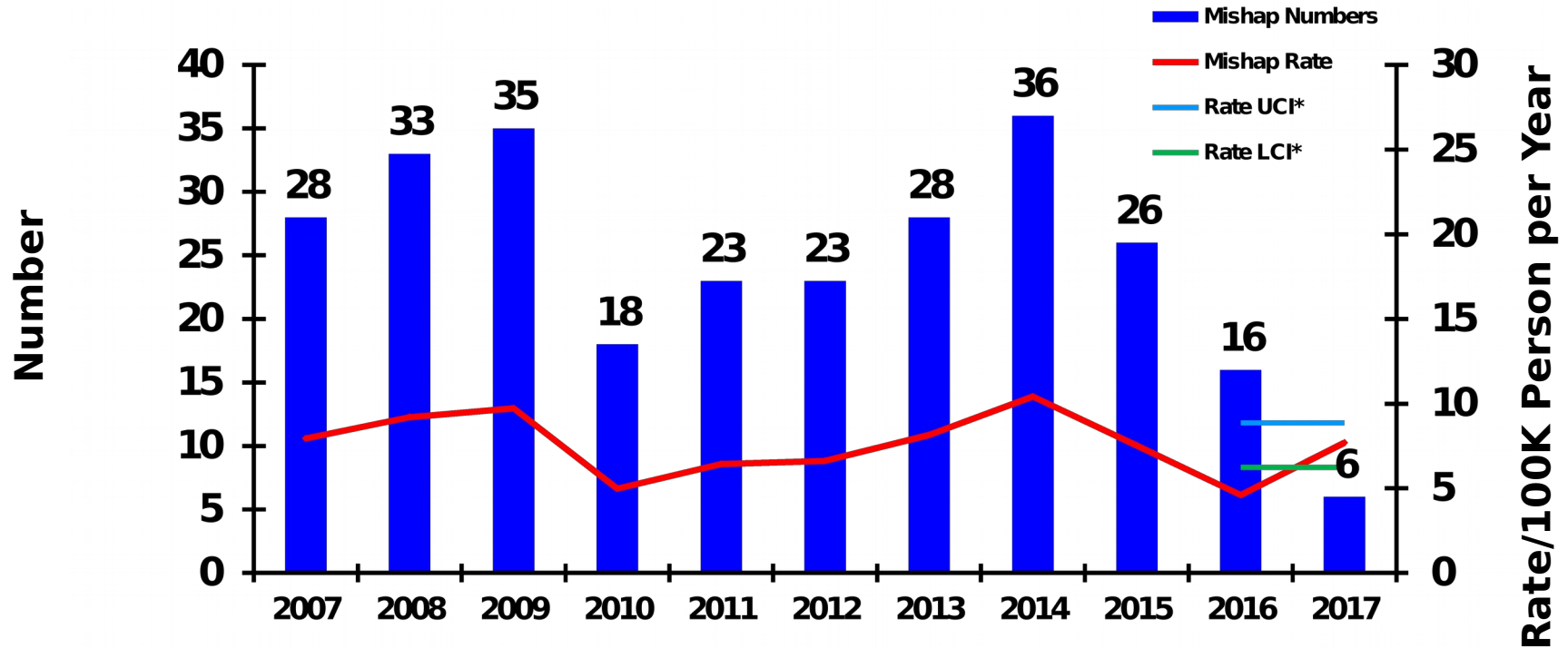
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

<u>21-Dec-16</u>	<u>21-Dec-15</u>
0/0.00	0/0.00
0/0.00	
1.80/0.51	

*see last slide for definition of UCI/LCI



TOTAL CLASS A ON-DUTY MISHAPS



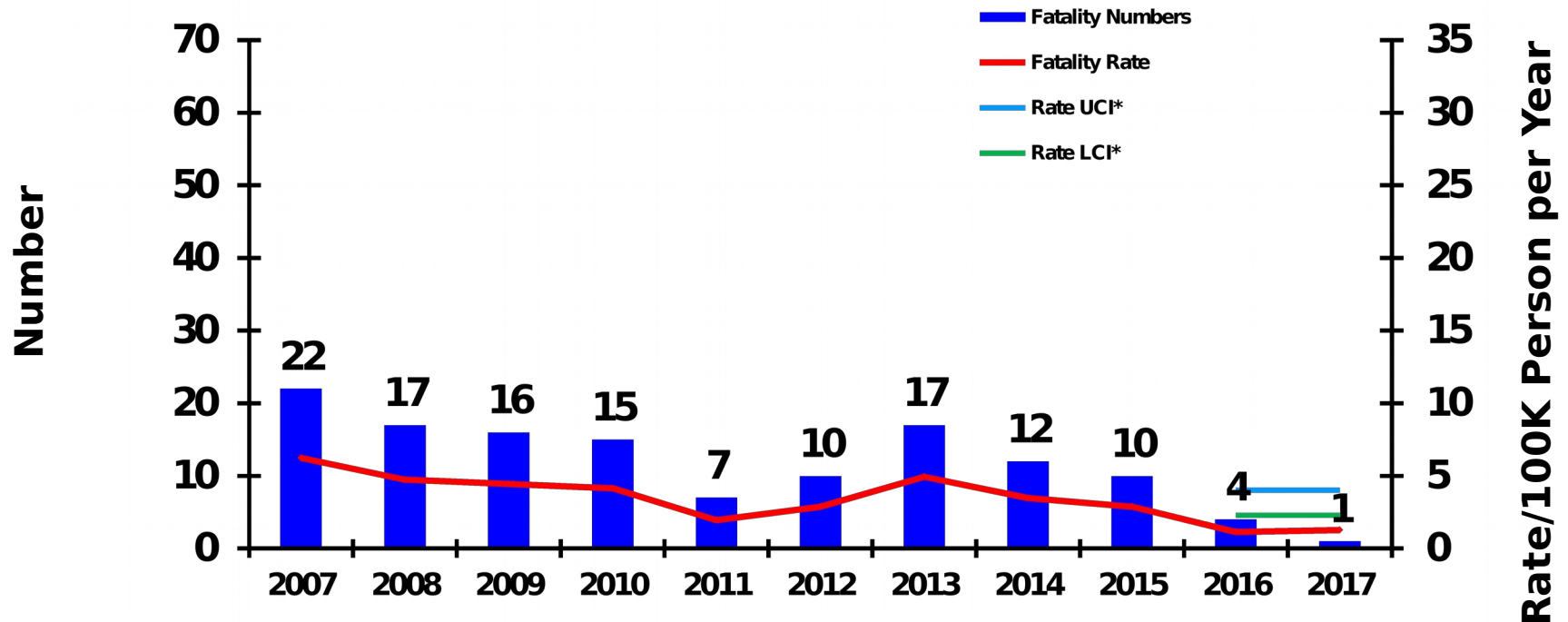
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

<u>21-Dec-</u>	<u>21-Dec-</u>
16/7.69	15/5.08
16/4.61	
26.60/7.5	
6	

*see last slide for definition of UCI/LCI



ON-DUTY FATALITIES



**CLASS A FATALITIES/FATALITY RATE FY
COMPARISON:**

FY16 FATALITIES/FATALITY RATE:

**10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY
RATE:**

**21-Dec-
16** 1/1.28

**21-Dec-
15** 2/2.54

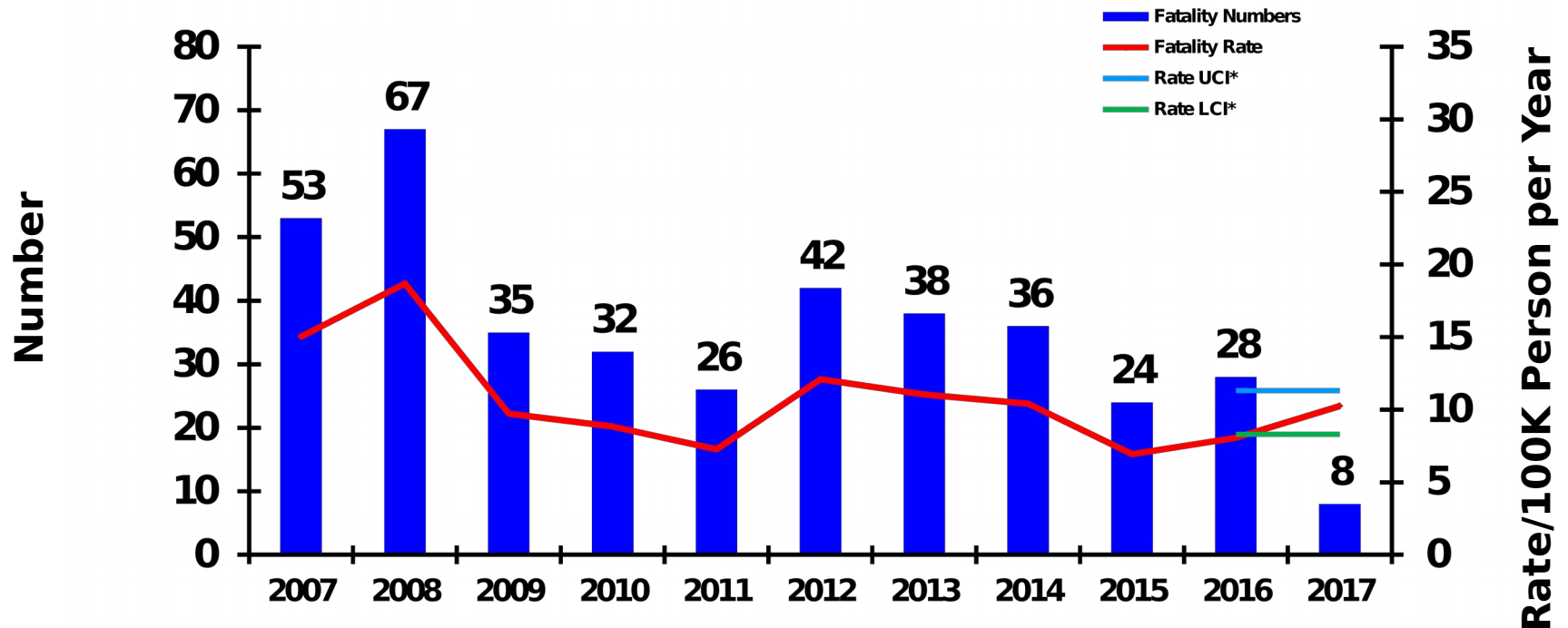
4/1.15

13.00/3.
69

*see last slide for definition of UCI/LCI



PMV FATALITIES



**CLASS A FATALITIES/FATALITY RATE FY
COMPARISON:**

FY16 FATALITIES/FATALITY RATE:

**10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY
RATE:**

**21-Dec-
16/10.26**

**21-Dec-
15/11.4**

3

28/8.06

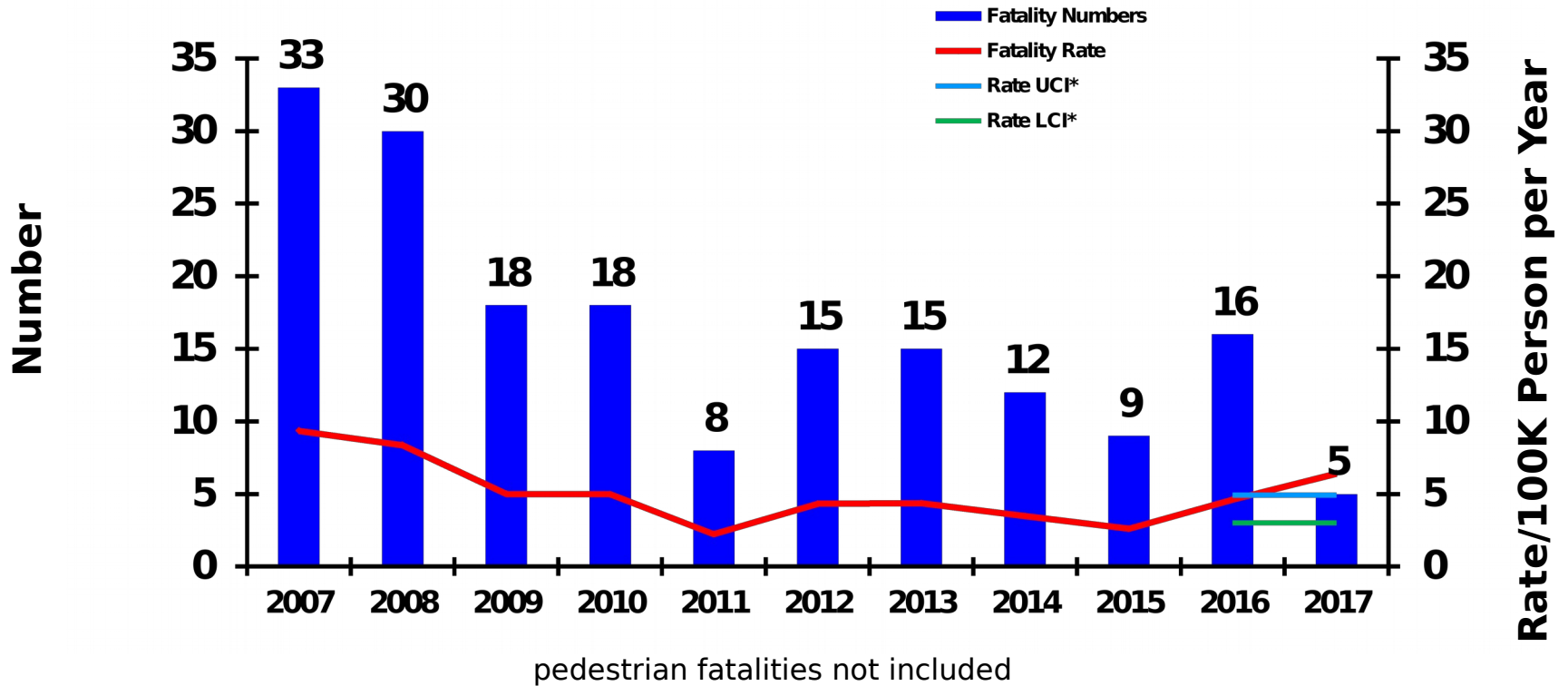
38.10/10.

82

*see last slide for definition of UCI/LCI



4-WHEEL PMV FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

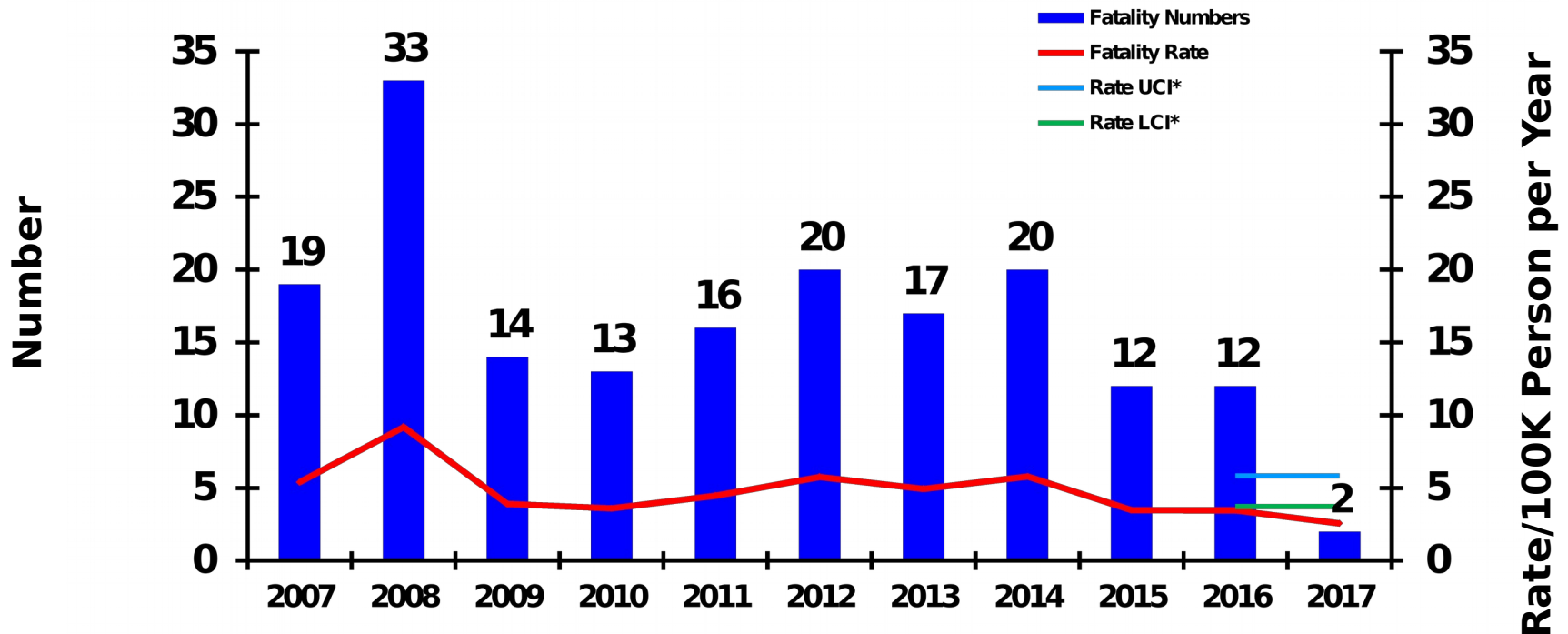
FY16 FATALITIES/FATALITY RATE:
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:

21-Dec-16	21-Dec-15
5/6.41	3/3.81
16/4.61	
17.40/4.9	
3	

*see last slide for definition of UCI/LCI



MOTORCYCLE PMV FATALITIES



**CLASS A FATALITIES/FATALITY RATE FY
COMPARISON:**

**21-Dec-
16/2.56**

**21-Dec-
16/7.62**

FY16 FATALITIES/FATALITY RATE:

12/3.46

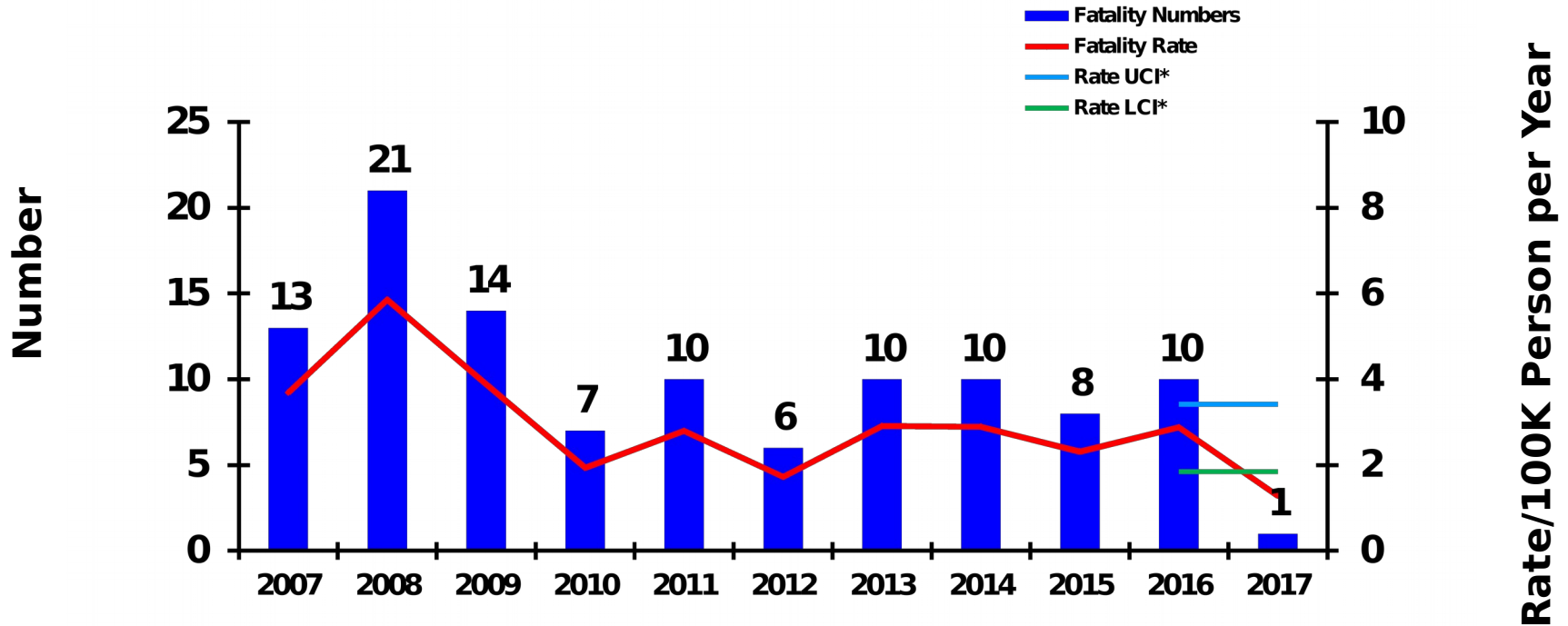
**10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY
RATE:**

**17.60/5.0
0**

*see last slide for definition of UCI/LCI



OFF-DUTY/REC FATALITIES



**CLASS A FATALITIES/FATALITY RATE FY
COMPARISON:**

FY16 FATALITIES/FATALITY RATE:
**10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY
RATE:**

**21-Dec-
16**
1/1.28

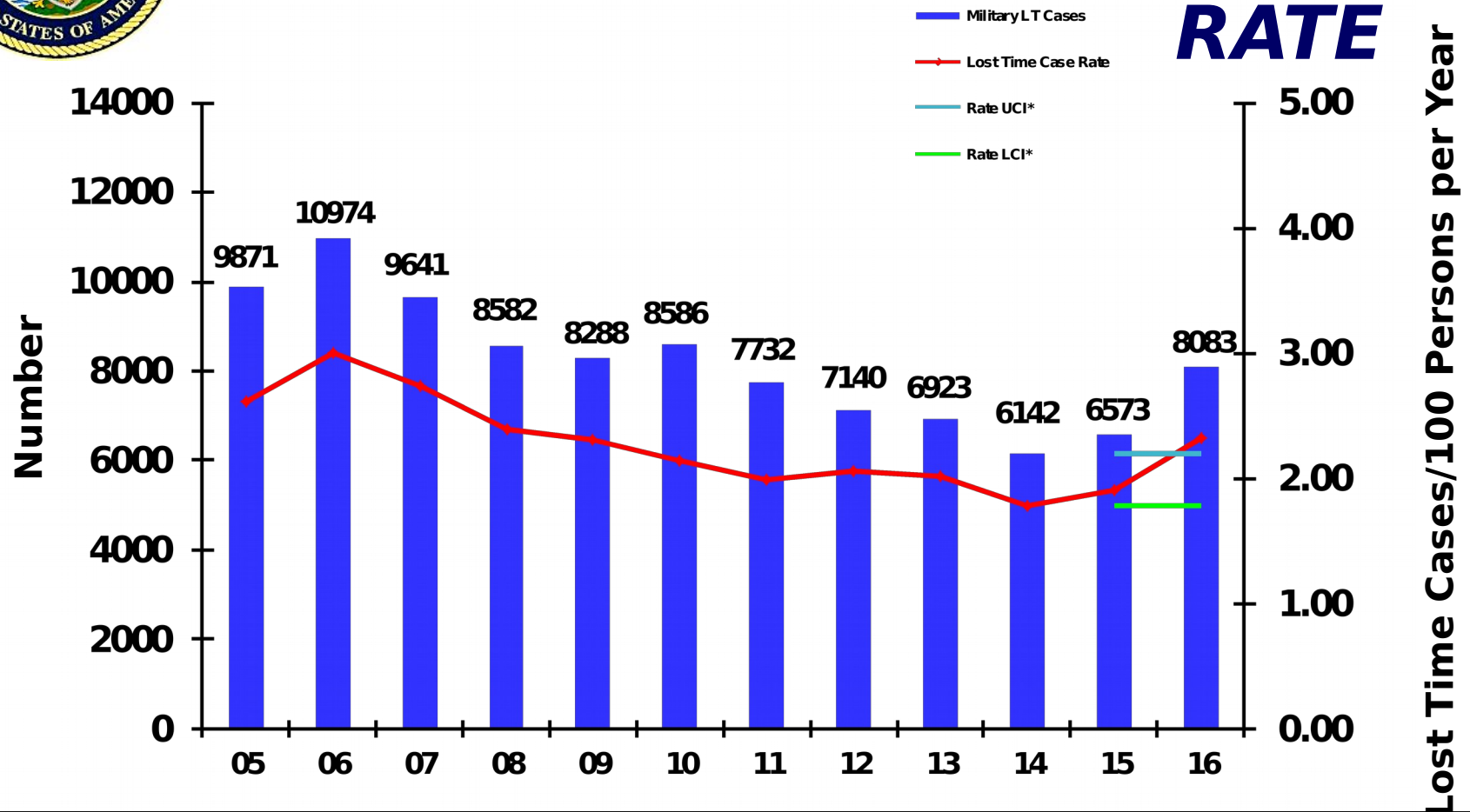
**21-Dec-
15**
6.35

10/2.8
10.90/3.8
09

*see last slide for definition of UCI/LCI



MILITARY LOST TIME CASE RATE



30 Sep 16

LOST WORK TIME CASE RATE: 2.33

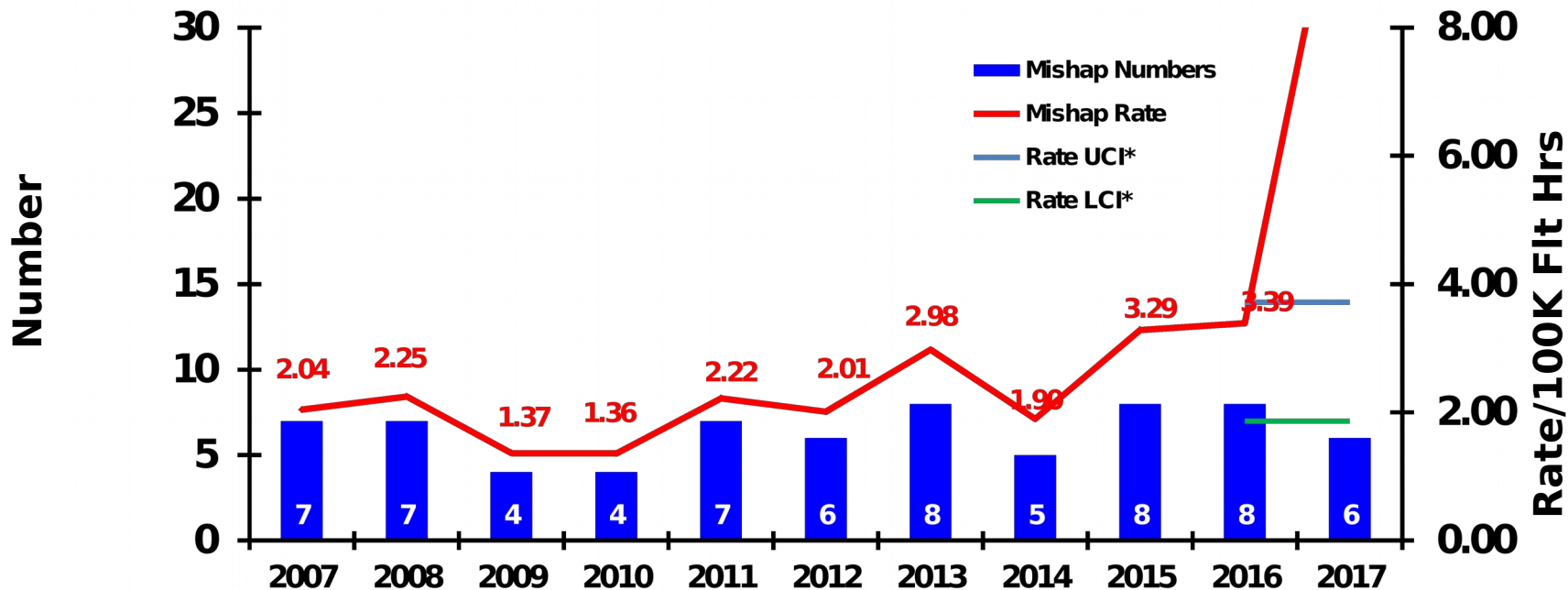
FY15 LOST TIME CASE RATE: 1.90

5-YEAR AVERAGE (FY11-15) LOST TIME CASE RATE: 1.98



CLASS A FLIGHT MISHAPS

Manned Aircraft Only

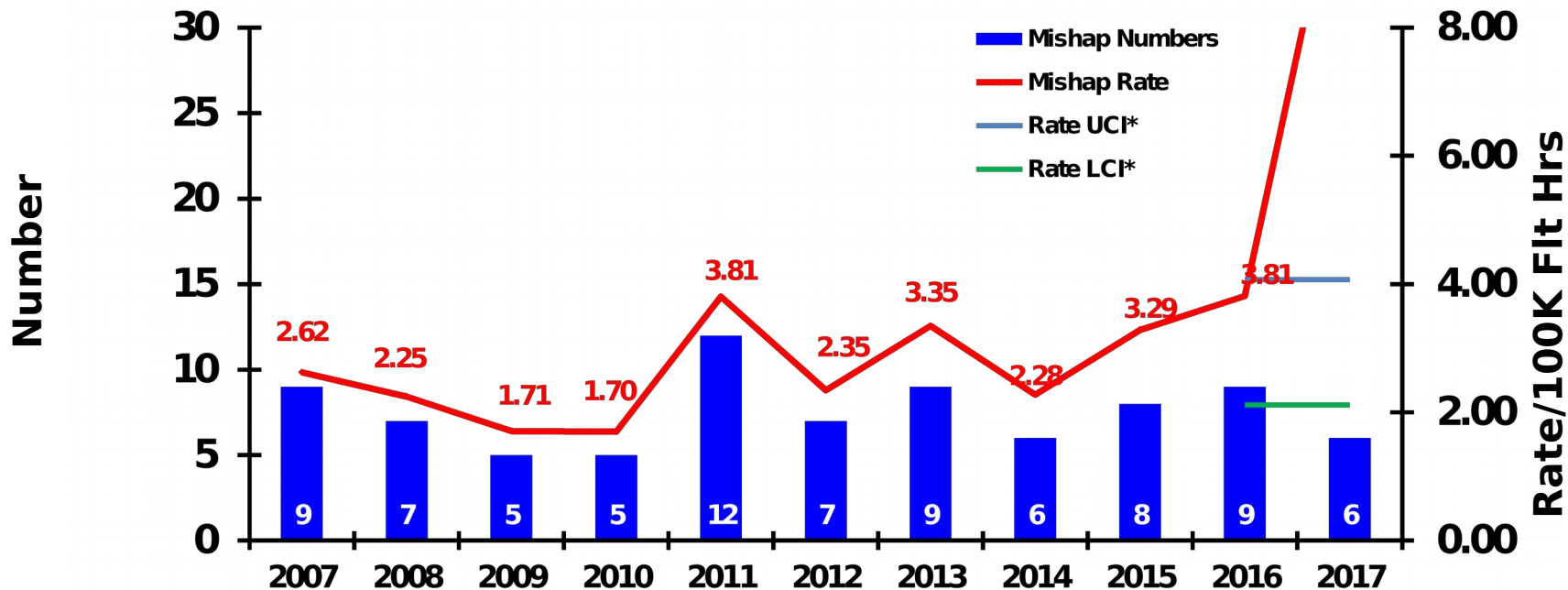


CLASS A FM/FM RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

21-Dec-16	21-Dec-15
6/11.3	12/4.09
8/3.39	
6.40/2.2	
8	



CLASS A AVIATION MISHAPS

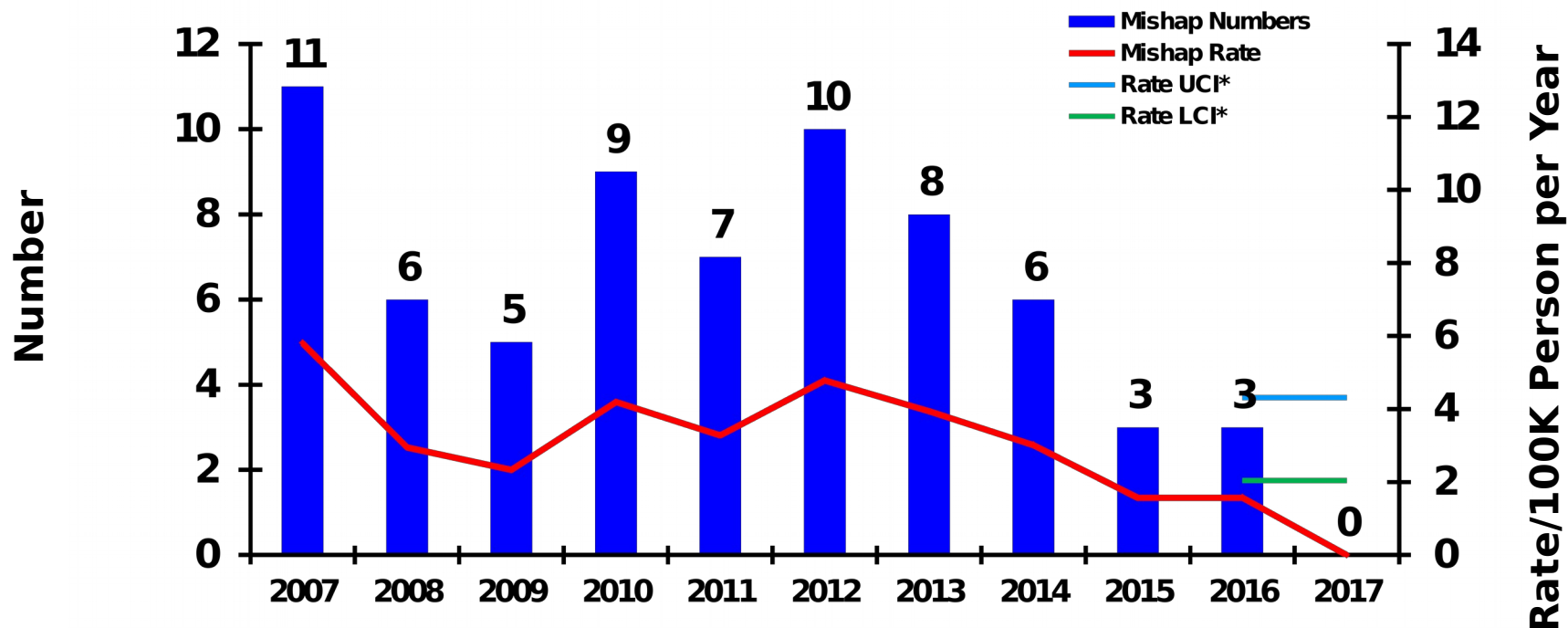


CLASS A FM/FM RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP
RATE:

<u>21-Dec-</u>	<u>21-Dec-</u>
16/11.3	15/4.09
9/3.81	
7.70/2.7	
2	



CLASS A GROUND ON-DUTY MISHAPS



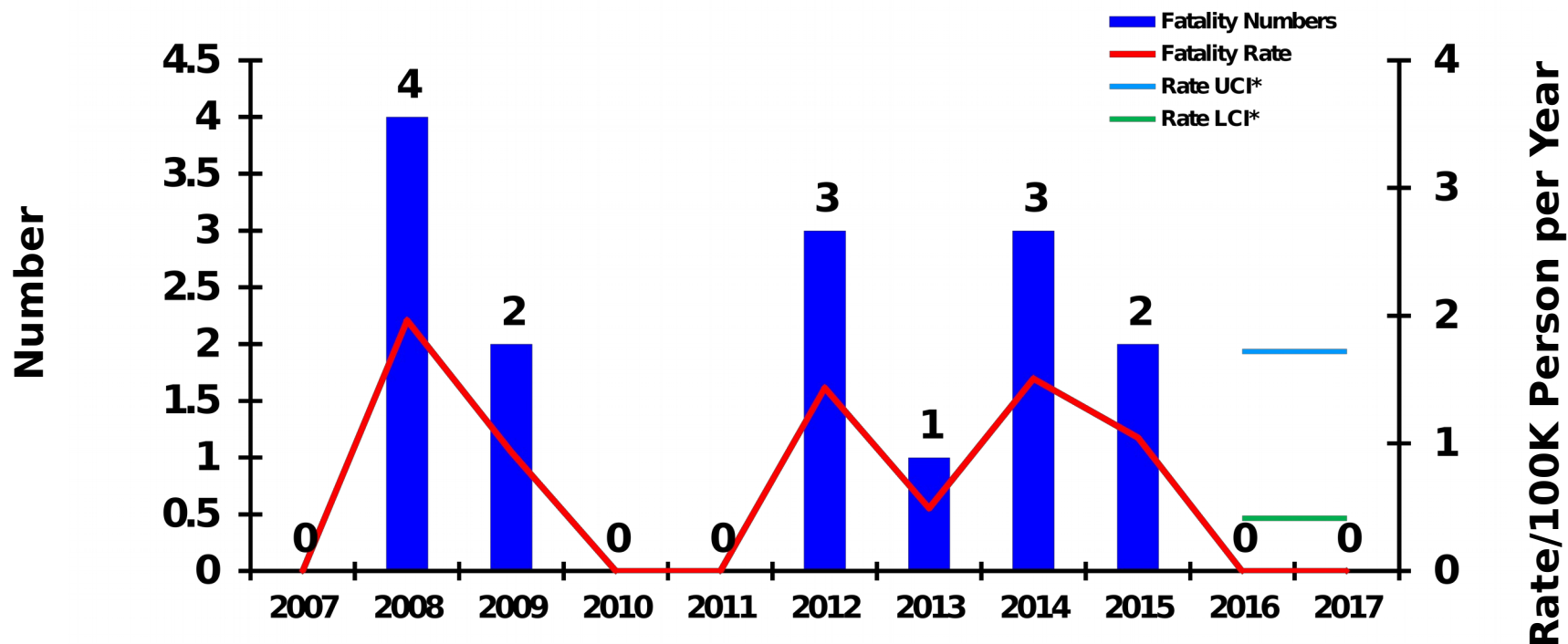
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

<u>21-Dec-</u>	<u>21-Dec-15</u>
16	16
0/0.00	1/2.31
3/1.57	
6.80/3.3	
4	

*see last slide for definition of UCI/LCI



PHYSICAL TRAINING FATALITIES



PT fatalities are also reflected in the Ground On-Duty Mishap slide

CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

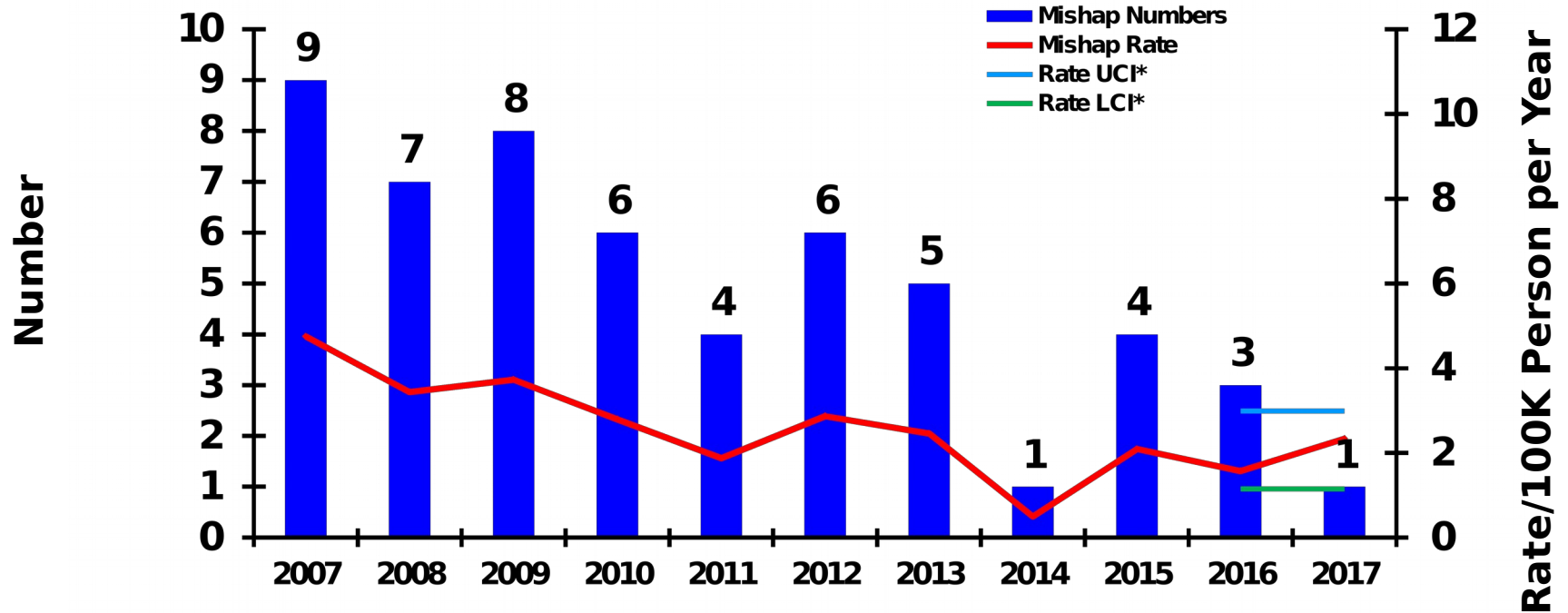
FY16 FATALITIES/FATALITY RATE:
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:

21-Dec-16	21-Dec-15
0/0.00	0/0.00
1.50/0.7	1.50/0.7
4	

*see last slide for definition of UCI/LCI



CLASS A ON-DUTY MV MISHAPS



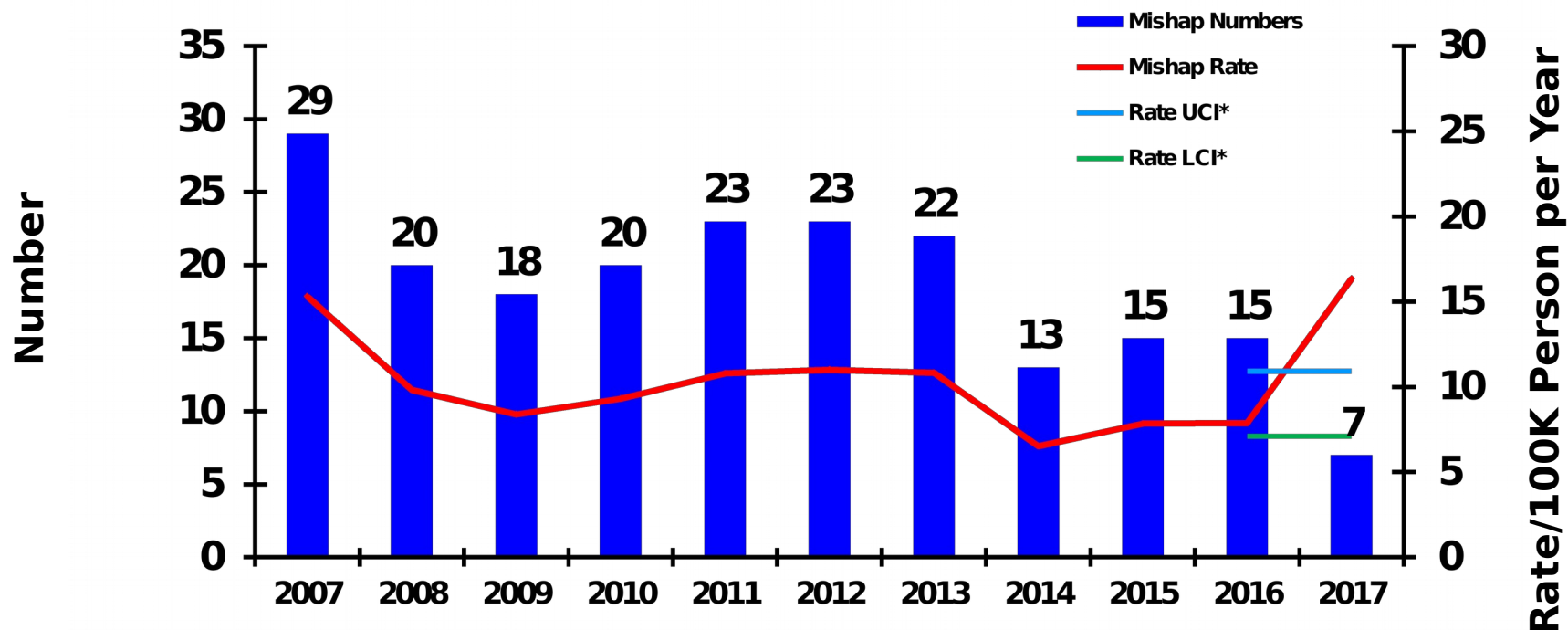
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

21-Dec-16	21-Dec-15
1/2.34	1/2.31
3/1.57	
5.30/2.6	
1	

*see last slide for definition of UCI/LCI



TOTAL CLASS A ON-DUTY MISHAPS



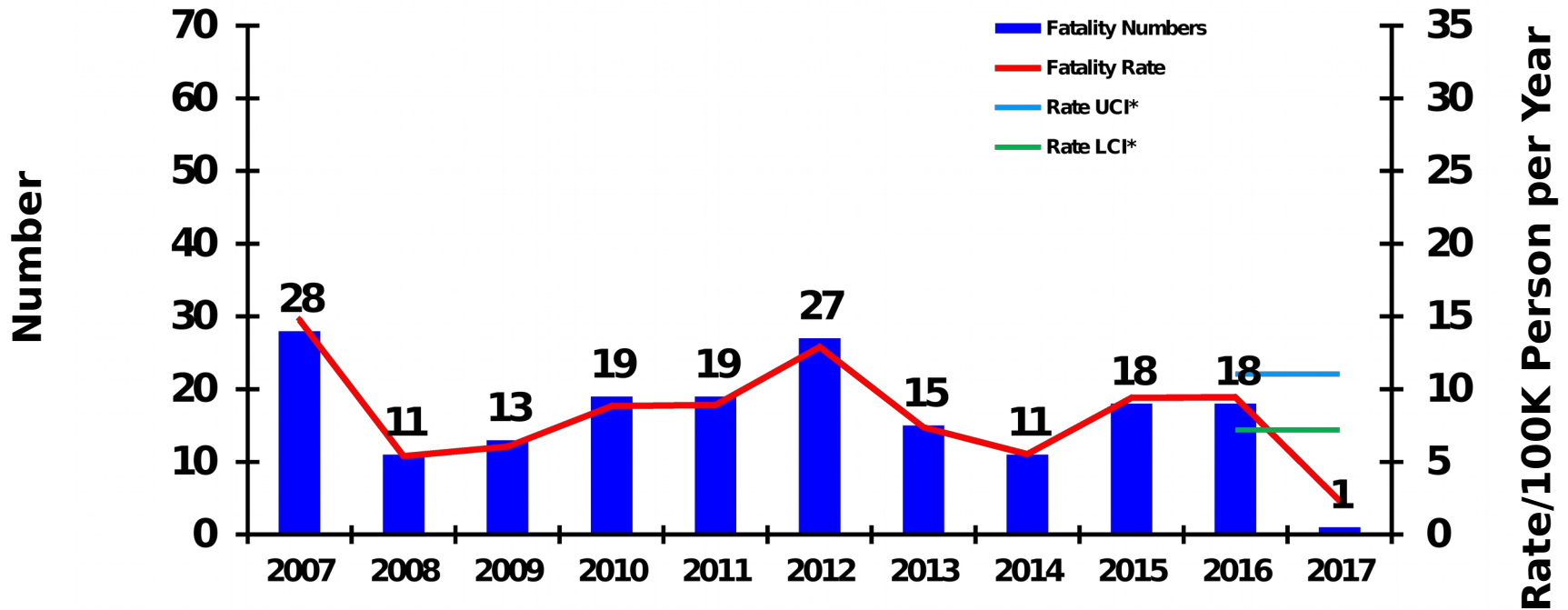
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY16 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:

<u>21-Dec-</u>	<u>21-Dec-</u>
16	15
7/16.3	9.26
15/7.6	
19.80/9.77	

*see last slide for definition of UCI/LCI



ON-DUTY FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

FY16 FATALITIES/FATALITY RATE:	18/9.4
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	17.90/8.5
	7

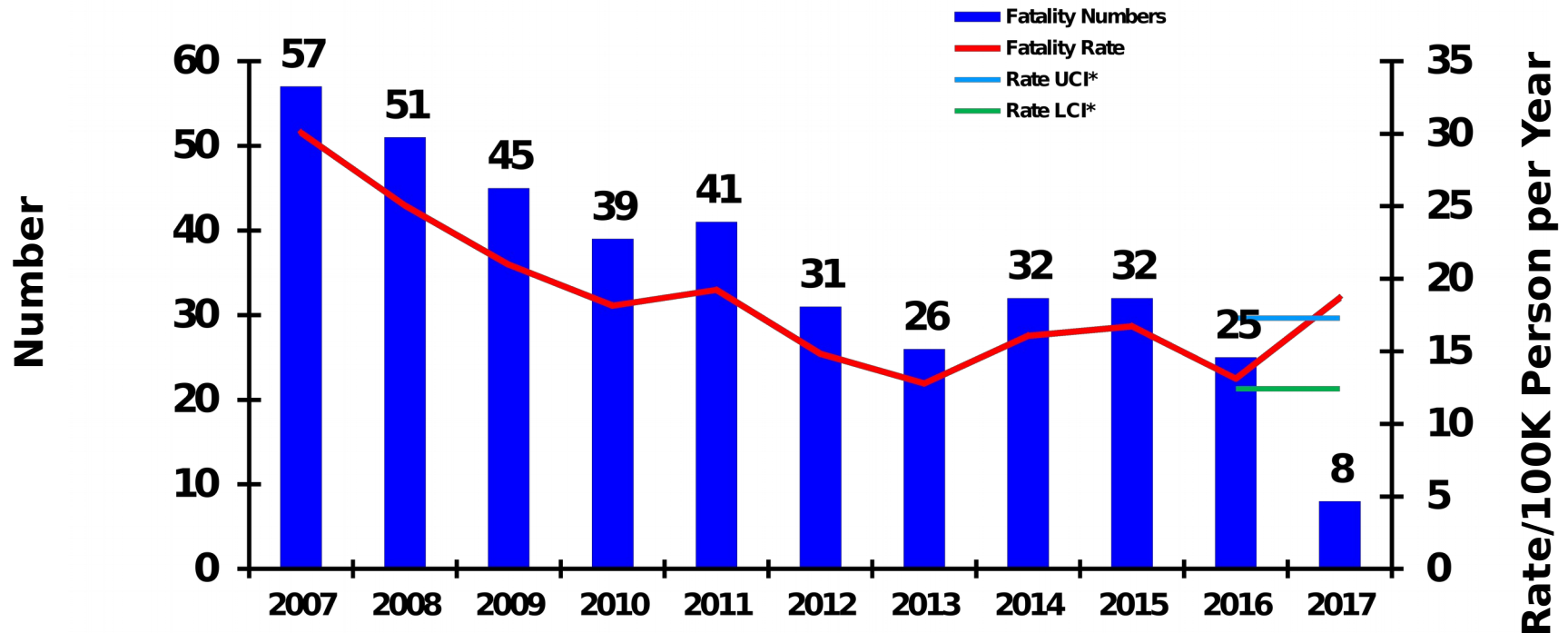
21-Dec-16
1/2.34

21-Dec-15
4.63

*see last slide for definition of UCI/LCI



PMV FATALITIES



**CLASS A FATALITIES/FATALITY RATE FY
COMPARISON:**

**21-Dec-
16**

**21-Dec-
15**

FY16 FATALITIES/FATALITY RATE:

25/13.9

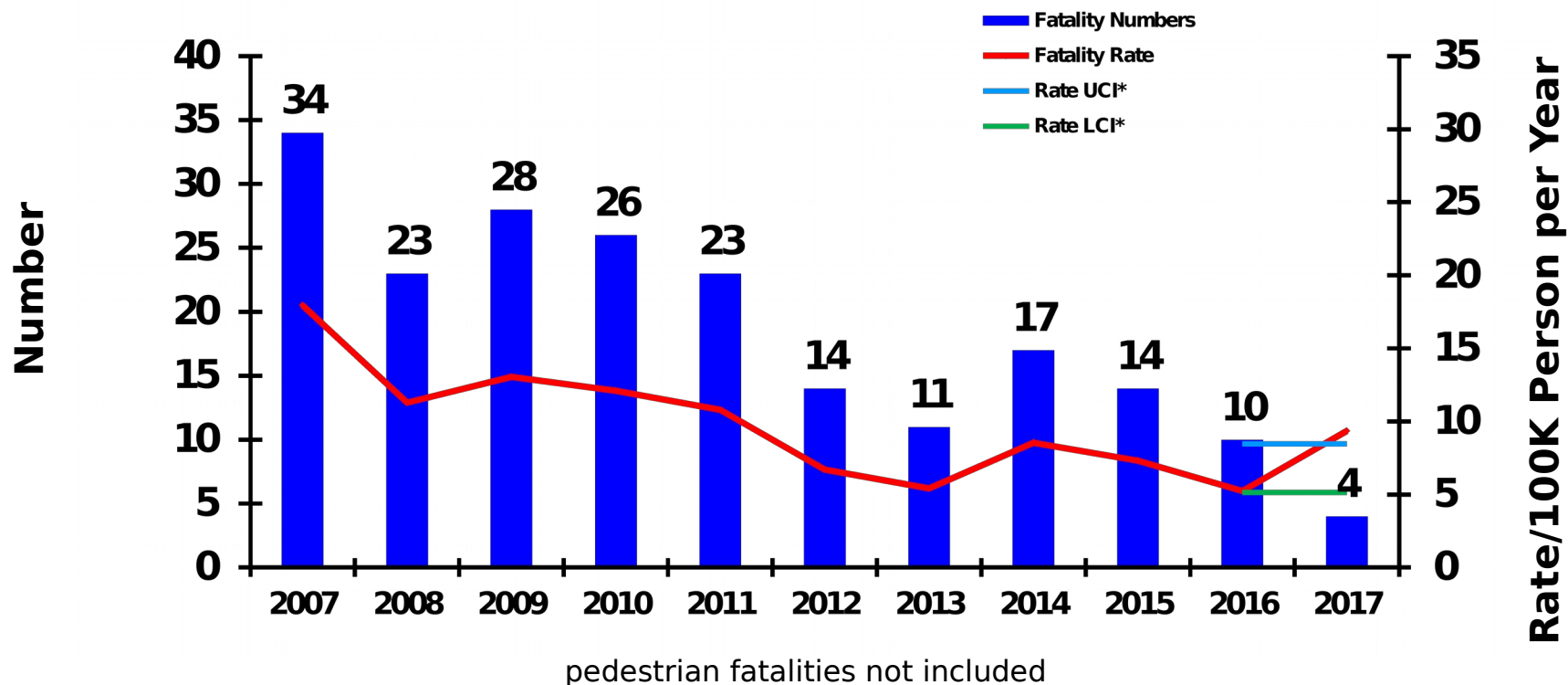
**10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY
RATE:**

37.90/18.71

*see last slide for definition of UCI/LCI



4-WHEEL PMV FATALITIES



**CLASS A FATALITIES/FATALITY RATE FY
COMPARISON:**

**21-Dec-
16**
4/9.35

**21-Dec-
15**
4/9.26

FY16 FATALITIES/FATALITY RATE:

10/5.25

10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY

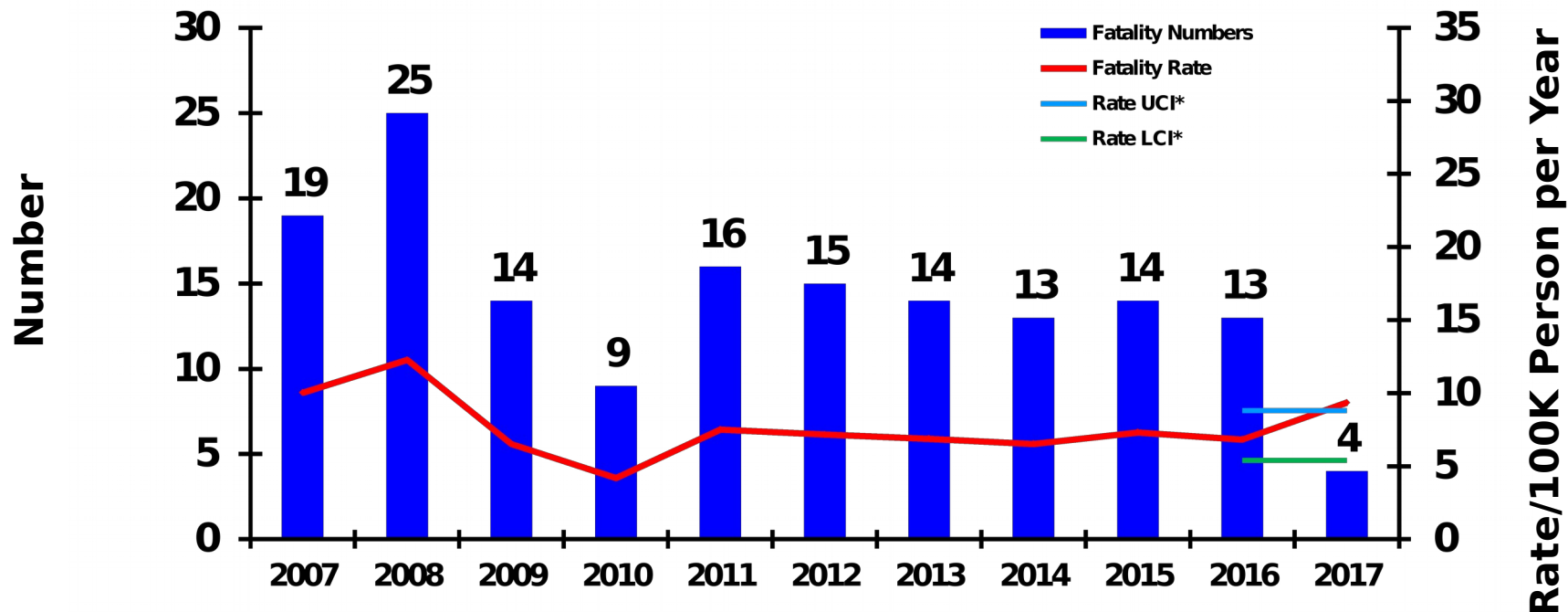
20.00/9.84

RATE:

*see last slide for definition of UCI/LCI



MOTORCYCLE PMV FATALITIES



**CLASS A FATALITIES/FATALITY RATE FY
COMPARISON:**

FY16 FATALITIES/FATALITY RATE:
**10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY
RATE:**

**21-Dec-
16** 4/9.35

**21-Dec-
15** 2.31

13/6.82

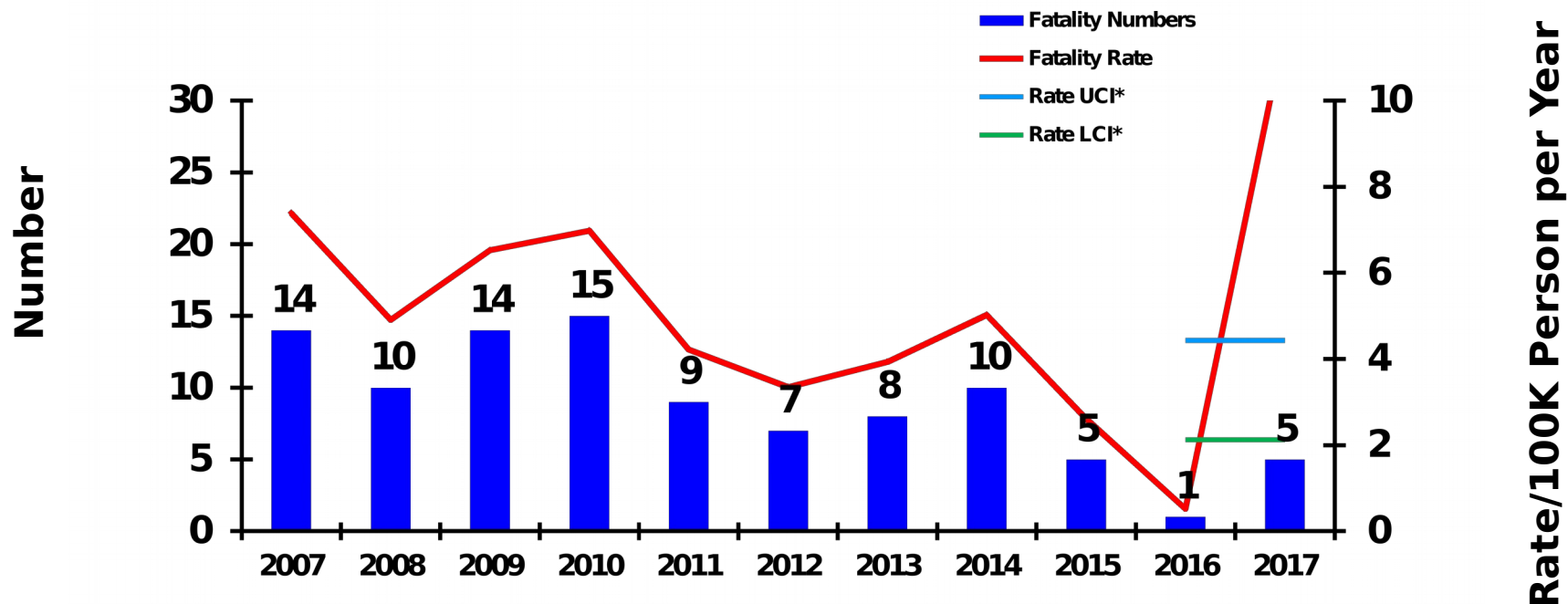
15.20/7.5

3

*see last slide for definition of UCI/LCI



OFF-DUTY/REC FATALITIES



**CLASS A FATALITIES/FATALITY RATE FY
COMPARISON:**

FY16 FATALITIES/FATALITY RATE:
**10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY
RATE:**

**21-Dec-
16** 5/11.6

**21-Dec-
15** 0/0.00

1/0.5

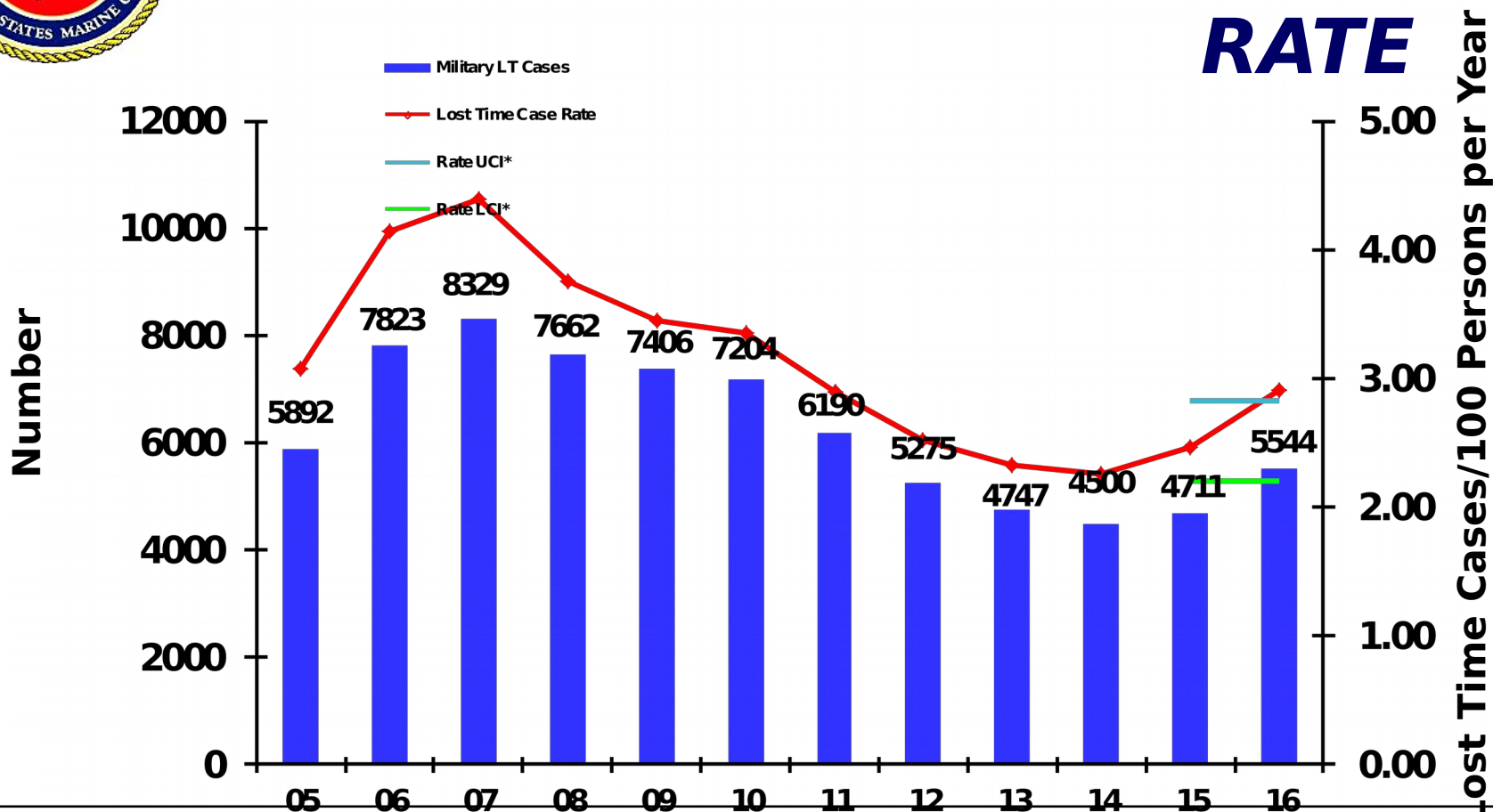
9.30/4.5

5

*see last slide for definition of UCI/LCI



MILITARY LOST TIME CASE RATE



30 Sep 16

LOST WORK TIME CASE RATE: 2.91

FY15 LOST TIME CASE RATE: 2.46

5-YEAR AVERAGE (FY11-15) LOST TIME CASE RATE: 2.50

see last slide for definition of UCI/LCI.

Navy Short Narratives

▪USN AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)

18 Dec 2016: (Kadena AFB, Japan) Tow bar separation resulted in aircraft/tow collision with damage to nose gear and lower fuselage of P-8A. (AGM)

16 Dec 2016: (NAS Whidbey Island, WA) Canopy on EA-18G exploded/jettisoned resulting in severe injuries to 2 personnel. (AGM)

21 Nov 2016: (Upper Mojave Desert Region) F/A-18F struck a tree while instructor pilot was conducting a currency flight event. Returned to base safely. No injuries.

13 Oct 2016: (Tinker AFB, OK) E-6B #2 engine sustained compressor blade damage due to bird ingestion. Aircraft landed safely. No injuries.

▪USN AFLOAT CLASS A MISHAPS

12 Nov 2016: (Red Sea) LHD equipment damaged by flooding during firemain valve repair.

▪USN SHORE CLASS A MISHAPS

No mishap this FY.

▪USN PHYSICAL TRAINING CLASS A MISHAPS

24 Oct 2016: (San Diego, CA) O-4 collapsed to the floor during semi-annual physical fitness assessment (PFA) cardio stationary bike event and could not be resuscitated.

▪USN ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

No mishap this FY.

▪USN PRIVATE MOTOR VEHICLE FATALITIES

28 Nov 2016: (Virginia Beach, VA) E-5 died in an automobile mishap when he ran off the road while traveling on an exit ramp.

19 Nov 2016: (Pensacola, FL) E-2 died after being hit by a car. Another E-2 was also hit and is in stable condition.

Navy Short Narratives

- USN PRIVATE MOTOR VEHICLE FATALITIES (con't)

14 Nov 2016: (Portsmouth, VA) E-3 died in a single-vehicle motorcycle mishap in a tunnel.

11 Nov 2016: (Chicago, IL) O-3 died from injuries sustained in an Interstate roll-over motor vehicle mishap.

10 Nov 2016: (Tacoma, WA) E-3 died in a motorcycle mishap after high speed lane change collision on metal grates of bridge.

06 Nov 2016: (Lawrenceville, VA) E-3 passenger died in a single-vehicle mishap when the vehicle ran off the road. E-3 driver survived.

15 Oct 2015: (Mount Pleasant, MI) E-4 died in an automobile mishap.

02 Oct 2016: (Fresno, CA) E-2 died in an automobile mishap while on leave near hometown in transit from NATTC Pensacola Florida to CNATTU Whidbey Island.

- USN OFF-DUTY/RECREATIONAL FATALITIES

17 Nov 2016: (Cozumel, Mexico) E-6 drowned while on leave.

Marine Corps Short Narratives

- USMC AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)

- 13 Dec 2016: (Off the Coast of Okinawa, Japan) MV-22B attempted a precautionary emergency landing (PEL) to dry land but crash landed in shallow water. Crew of 5 evacuated with injuries.
- 07 Dec 2016: (Off the Coast of Iwakuni MCAS, Japan) F/A-18C crashed into the water while conducting a night mission.
- 1 fatality.
- 09 Nov 2016: (Off the Coast of San Diego) Two F/A-18As were conducting basic flight maneuvers and had a mid-air collision. 1 aircraft crashed in the water. Pilot ejected successfully. 1 aircraft landed with significant damage.
- 27 Oct 2016: (MCAS Beaufort, SC) F/A-35B had an inflight weapons bay fire followed by an uneventful landing. No injuries.
- 25 Oct 2016: (Twentynine Palms, CA) F/A-18C crashed on final approach. Pilot ejected successfully. No injuries.
- 20 Oct 2016: (Yuma, AZ) CH-53E main rotor contacted building causing damage to the aircraft.

- USMC GROUND CLASS A MISHAPS

No mishap this FY.

- USMC PHYSICAL TRAINING CLASS A MISHAPS

No mishap this FY.

- USMC ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

- 05 Dec 2016: (Quantico, VA) 7-ton MTRV towing a 155mm howitzer was struck by a civilian semi-truck while traveling in a convoy. No major injuries.

- USMC PRIVATE MOTOR VEHICLE FATALITIES

- 17 Dec 2016: (Mission Viejo, CA) E-3 died in a multi-vehicle motorcycle mishap.
- 17 Dec 2016: (Stafford, VA) E-4 died when his vehicle departed the roadway and struck a tree. SVM was ejected from the vehicle.

Marine Corps Short Narratives

- USMC PRIVATE MOTOR VEHICLE FATALITIES (con't)

- 13 Dec 2016: (Off the Coast of Okinawa, Japan) MV-22B attempted a precautionary emergency landing (PEL) to dry land but crash landed in shallow water. Crew of 5 evacuated with injuries.
- 02 Dec 2016: (Naperville, IL) E-6 died in a head-on collision with another vehicle. Two civilians killed in the other vehicle.
- 23 Nov 2016: (Beaufort, SC) E-3 died in a motorcycle mishap.
- 14 Nov 2016: (Plantation, FL) E-5 died from injuries sustained in a multi-vehicle automobile mishap.
- 06 Nov 2016: (Cabazon, CA) E-3 died in a motorcycle mishap after he lost control of his motorcycle.
- 09 Oct 2016: (Cherry Point, NC) E-3 died during in a multi-vehicle motorcycle mishap.
- 03 Oct 2016: (Summerton, SC) E-4 died in a multi-vehicle automobile mishap.

- USMC OFF-DUTY/RECREATIONAL FATALITIES

- 30 Oct 2016: (Okinawa, Japan) E-3 drowned after he was knocked into the water by a wave and swept out to sea.
- 29 Oct 2016: (Okinawa, Japan) E-5 drowned while swimming.
- 22 Oct 2016: (McDonald, PA) O-3 was found unresponsive in his private residence and could not be resuscitated.
- 10 Oct 2016: (Okinawa, Japan) E-6 died during recreational diving event.
- 01 Oct 2016: (Twentynine Palms, CA) E-2 found unresponsive in barracks.



Mishap Confidence Interval



- UCI = Upper Confidence Interval LCI = Lower Confidence Interval
- Rate values above the UCI or below the LCI infer a statistically significant change is probable. This is only an indicator. Significance cannot be determined until end-of-year._
- Values between the UCI and LCI infer that nothing significant has occurred to increase or decrease mishap rate.

(Confidence Interval is based on: Poisson Rate related to a Chi Squared Distribution and calculated using FY09-13 data except for the Lost Work Days and Lost Time Case slides which were based on a normal distribution).